

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM091018\  
 Data File : BM016710.D  
 Acq On : 10 Sep 2018 14:52  
 Operator : SJ/JU  
 Sample : SSTD16052  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16052

Manual Integrations  
 APPROVED

Sohil  
 9/11/2018 4:40:54 PM

Quant Time: Sep 10 15:28:43 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 10 13:31:33 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 195209   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 807844   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.39 | 164  | 427734   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.13 | 188  | 926166   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.33 | 240  | 987924   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.57 | 264  | 1031825  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d      | 0.00   | ng/uL |      |
| 5) Phenol-d5                   | 6.92  | 99  | 2639482 | 140.82 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 1592712 | 126.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d      | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 2025707 | 138.43 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0d      | 0.00   | ng/ul |      |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0d      | 0.00   | ng/ul |      |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0d      | 0.00   | ng/ul |      |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 1879557 | 132.71 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 0.00  | 166 | 0d      | 0.00   | ng/ul |      |
| 47) Acenaphthylene-d8          | 0.00  | 160 | 0d      | 0.00   | ng/ul |      |
| 52) 4-Nitrophenol-d4           | 14.60 | 143 | 1029695 | 151.52 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 0.00  | 176 | 0d      | 0.00   | ng/ul |      |
| 63) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 837995  | 155.50 | ng/ul | 0.02 |
| 71) Anthracene-d10             | 0.00  | 188 | 0d      | 0.00   | ng/ul |      |
| 79) Pyrene-d10                 | 0.00  | 212 | 0d      | 0.00   | ng/ul |      |
| 90) Benzo(a)pyrene-d12         | 0.00  | 264 | 0d      | 0.00   | ng/ul |      |

## Target Compounds

|                                |       |     |          |         |        | Qvalue |
|--------------------------------|-------|-----|----------|---------|--------|--------|
| 4) Benzaldehyde                | 6.89  | 77  | 680323   | 63.518  | ng/ul  | 93     |
| 6) Phenol                      | 6.95  | 94  | 2600984  | 139.790 | ng/ul  | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.19  | 93  | 1973097  | 134.699 | ng/ul  | 93     |
| 11) 2-Methylphenol             | 8.19  | 108 | 1962009  | 139.074 | ng/ul  | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.28  | 45  | 3092628  | 130.256 | ng/ul  | 94     |
| 14) Acetophenone               | 8.57  | 105 | 3042709  | 136.034 | ng/ul  | 97     |
| 16) 4-Methylphenol             | 8.53  | 108 | 2044132  | 132.424 | ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.69 | 127 | 1890069  | 140.459 | ng/ul  | 97     |
| 32) Caprolactam                | 11.50 | 113 | 628645m  | 161.402 | ng/ul  |        |
| 38) Hexachlorocyclopentadiene  | 12.55 | 237 | 1588276  | 223.327 | ng/ul  | 99     |
| 49) 3-Nitroaniline             | 14.30 | 138 | 943954   | 125.201 | ng/ul# | 96     |
| 51) 2,4-Dinitrophenol          | 14.50 | 184 | 537698   | 142.334 | ng/ul# | 90     |
| 53) 4-Nitrophenol              | 14.62 | 109 | 748822   | 171.447 | ng/ul# | 74     |
| 61) 4-Nitroaniline             | 15.47 | 138 | 1223450  | 151.488 | ng/ul  | 88     |
| 64) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 892013   | 161.533 | ng/ul  | 100    |
| 68) Atrazine                   | 16.62 | 200 | 1639940  | 167.773 | ng/ul  | 98     |
| 69) Pentachlorophenol          | 16.78 | 266 | 1123629  | 168.052 | ng/ul  | 97     |
| 75) Carbazole                  | 17.54 | 167 | 7311370  | 161.780 | ng/ul  | 97     |
| 77) Fluoranthene               | 19.20 | 202 | 9268299  | 174.551 | ng/ul# | 89     |
| 82) 3,3'-Dichlorobenzidine     | 21.25 | 252 | 2983270  | 166.280 | ng/ul# | 98     |
| 87) Di-n-octyl phthalate       | 22.16 | 149 | 10168640 | 138.861 | ng/ul  | 100    |

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

